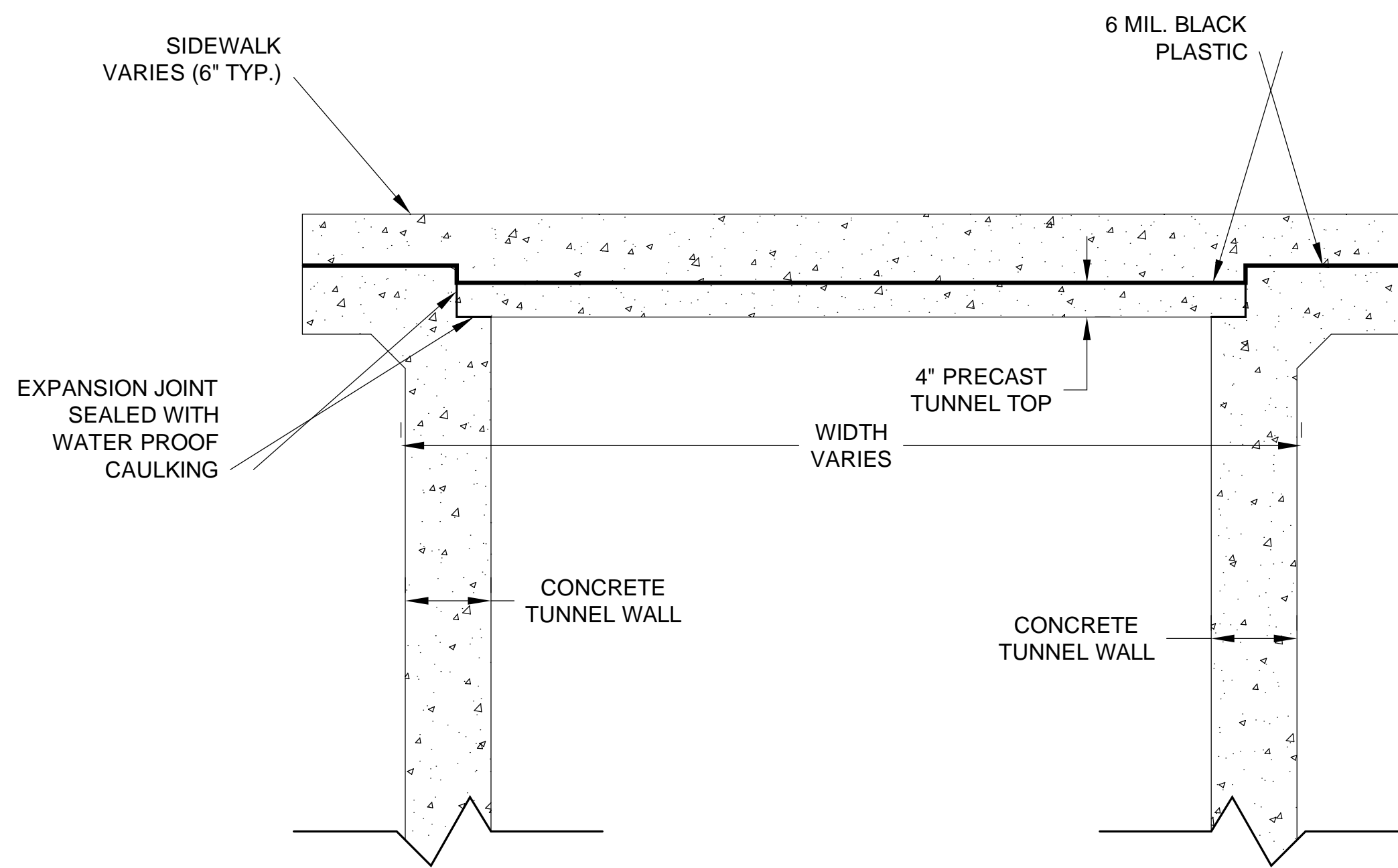
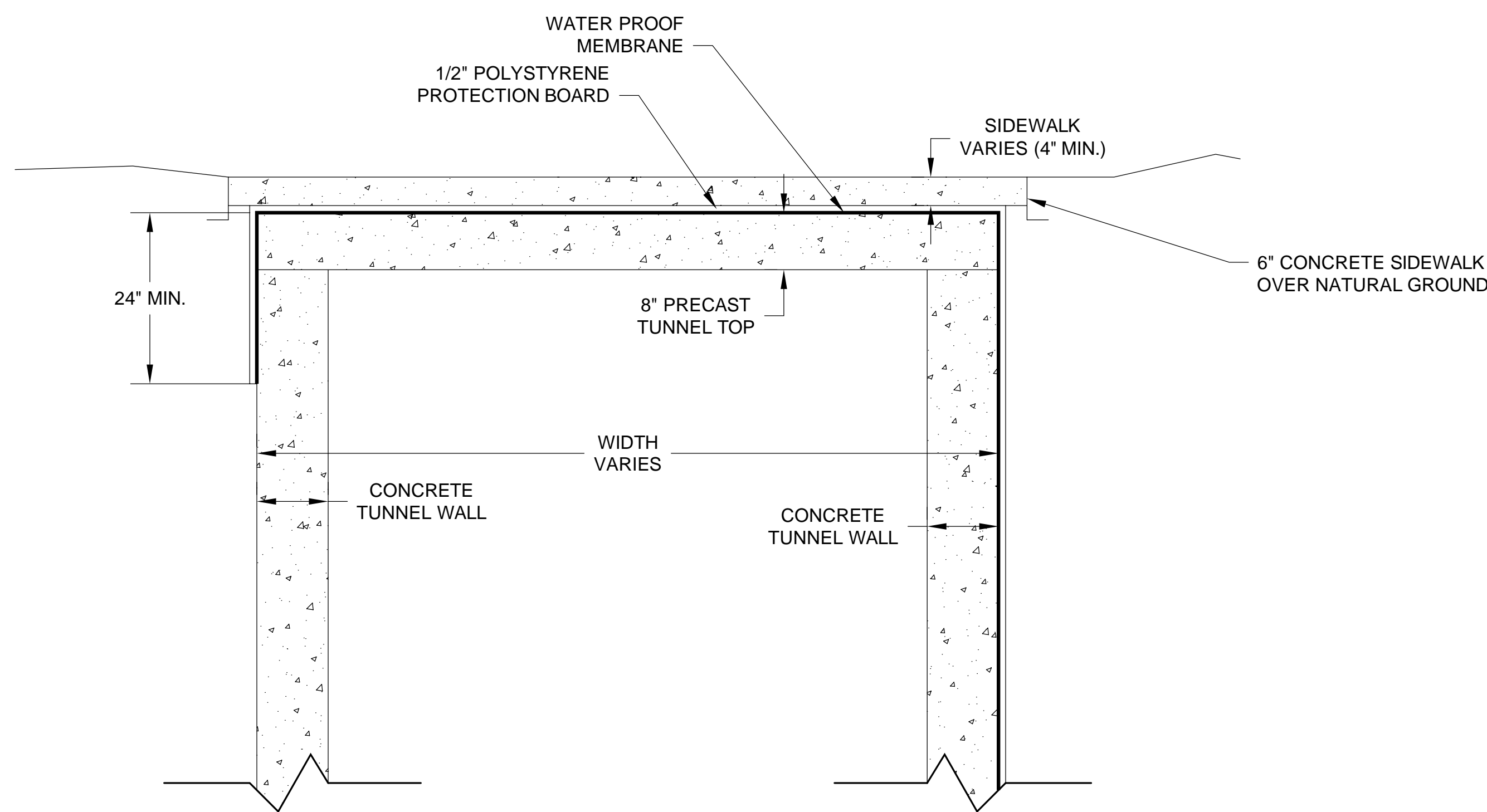


NOTES:

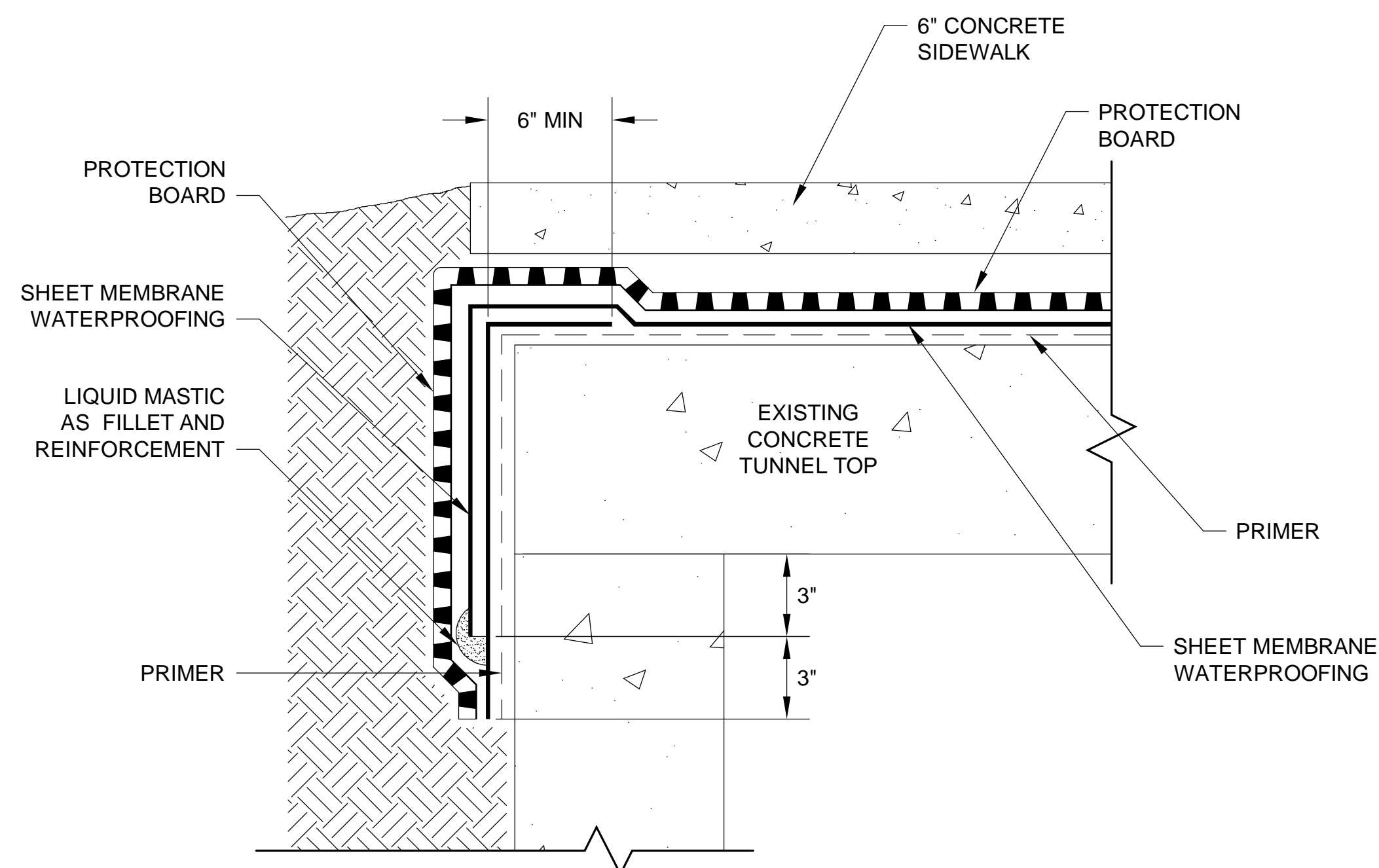
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING A SITE SURVEY AND VERIFYING ALL EXISTING CONDITIONS.
2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES WHETHER SHOWN OR NOT SHOWN ON THIS PLAN, PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THEM FROM DAMAGE. CALL GOPHER STATE ONE CALL: 1-800-252-1166.
3. EXISTING CONCRETE WALK/PAVEMENT (THICKNESS VARIES) HAS BEEN CONSTRUCTED OVER THE TOP OF EXISTING STEAM TUNNELS THROUGHOUT PARTS OF THE VA MEDICAL CENTER CAMPUS. EXISTING TUNNEL SECTIONS AND CONSTRUCTION VARIES. THE SECTIONS SHOWN REPRESENT EXISTING TYPICAL SECTIONS FOR SEGMENT "A" (SEE SHEET C104) AND SEGMENT "B" (SEE SHEET C105). EXISTING SECTIONS IN THE FIELD MAY VARY FROM THOSE SHOWN. OTHER SEGMENTS EXIST.
4. WHERE EXISTING STEAM TUNNEL SEGMENT "A" RUNS ADJACENT TO THE BITUMINOUS ROADWAY, SAWCUT BITUMINOUS PAVEMENT AS NECESSARY. TWO-WAY TRAFFIC (10 FOOT LANES) MUST BE MAINTAINED ON THE ROADWAY AT ALL TIMES. CONTRACTOR TO PROVIDE ALL NECESSARY TRAFFIC CONTROL. PATCH BITUMINOUS PAVEMENT.
5. REMOVAL OF EXISTING CONCRETE WALK/PAVEMENT OVER THE EXISTING STEAM TUNNELS MUST BE DONE WITHOUT DISTURBING THE EXISTING TUNNELS OR THE PIPING AND EQUIPMENT THEY CONTAIN. IMPACT REMOVAL TECHNIQUES, SUCH AS JACKHAMMERING, WILL NOT BE ALLOWED.
6. SHEET MEMBRANE WATERPROOFING IS TO BE INSTALLED OVER THE EXISTING STEAM TUNNELS IN AREAS WHERE THE EXISTING CONCRETE WALK/PAVEMENT IS TO BE REMOVED AND REPLACED.
7. SHEET MEMBRANE WATERPROOFING IS TO EXTEND DOWN THE SIDES OF THE TUNNEL PAST THE TUNNEL TOP.
8. INSTALLATION OF SHEET MEMBRANE WATERPROOFING SHALL CONSIST OF PREPARATION OF EXISTING CONCRETE SURFACES, SEALING OF CRACKS AND JOINTS, AND APPLICATION OF SHEET MEMBRANE WATERPROOFING.



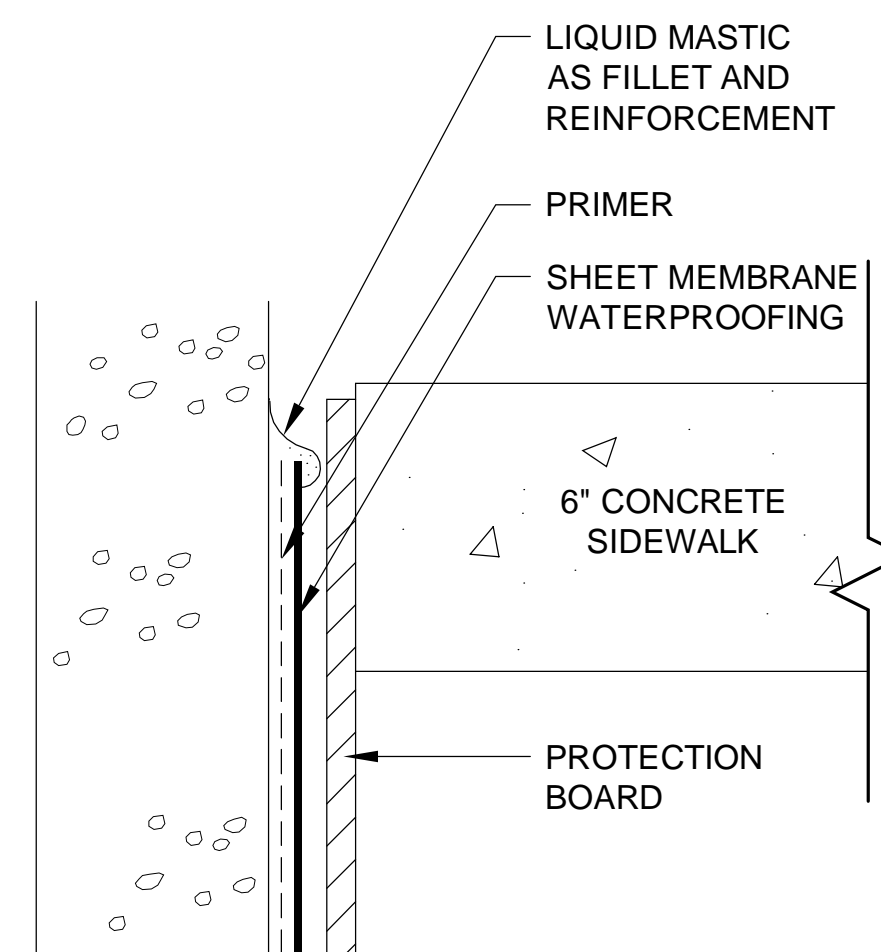
EXISTING STEAM TUNNEL - SEGMENT "A" (SECTION)



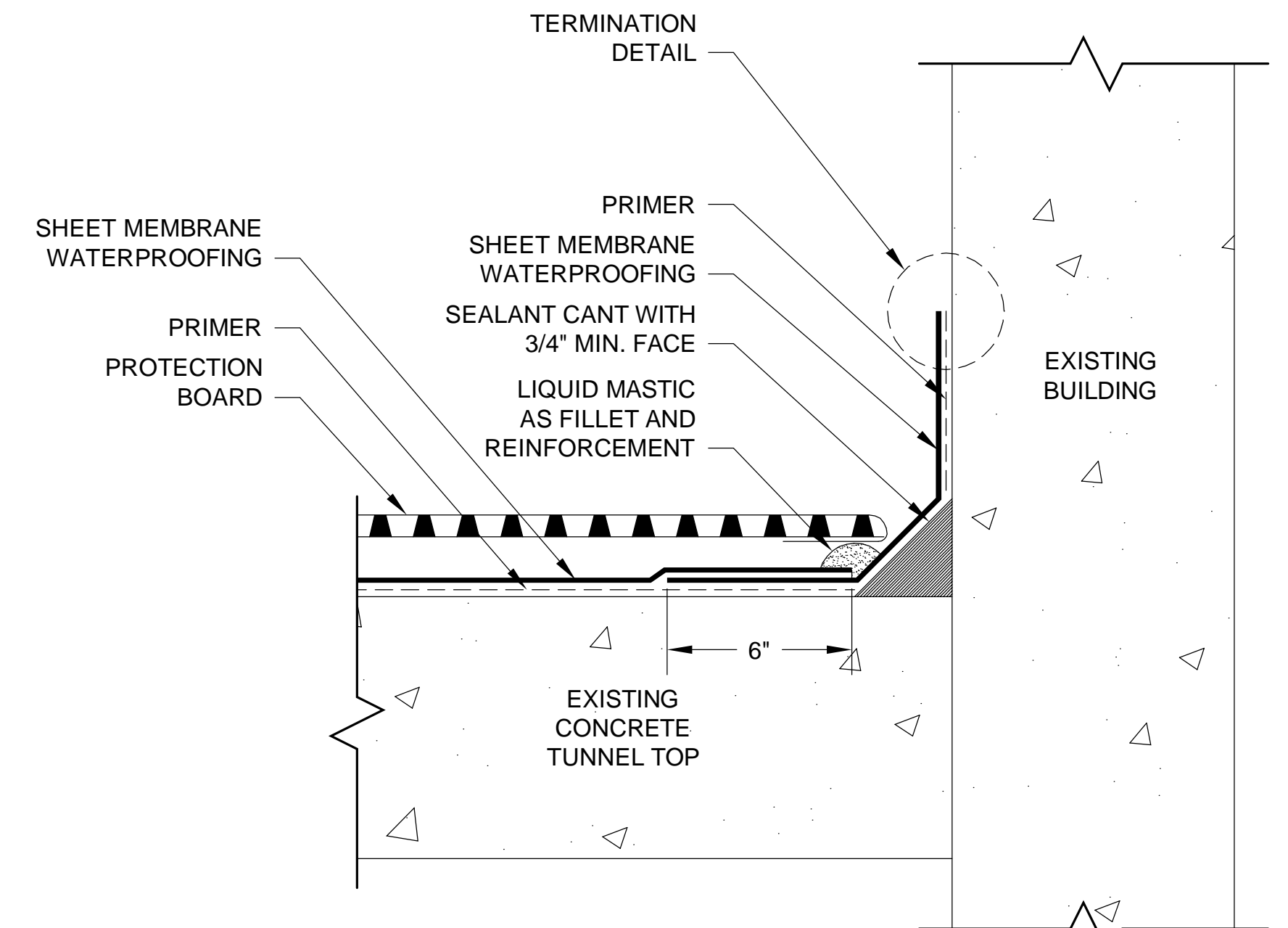
EXISTING STEAM TUNNEL - SEGMENT "B" (SECTION)



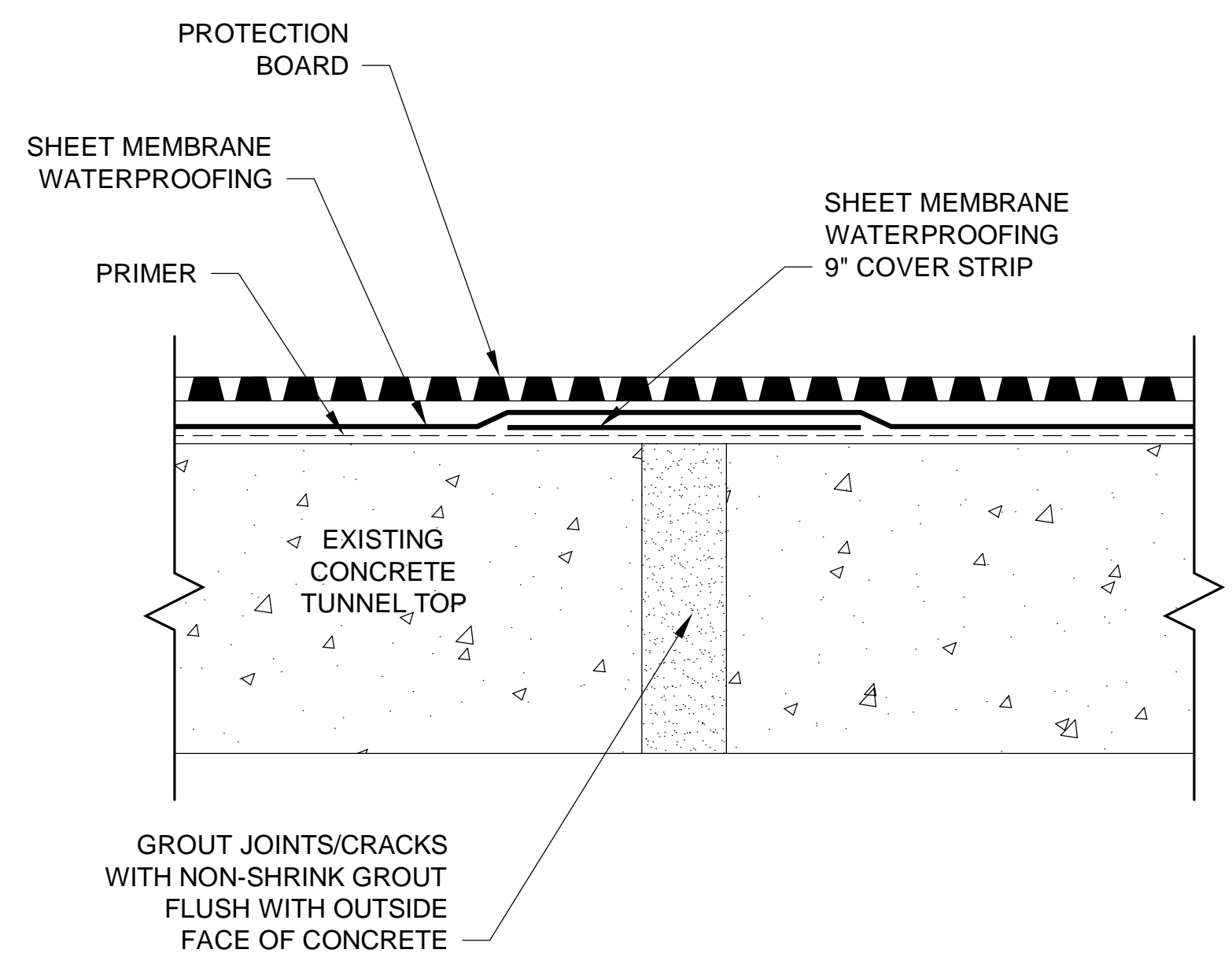
PROPOSED WATERPROOFING  
TUNNEL OUTSIDE CORNER



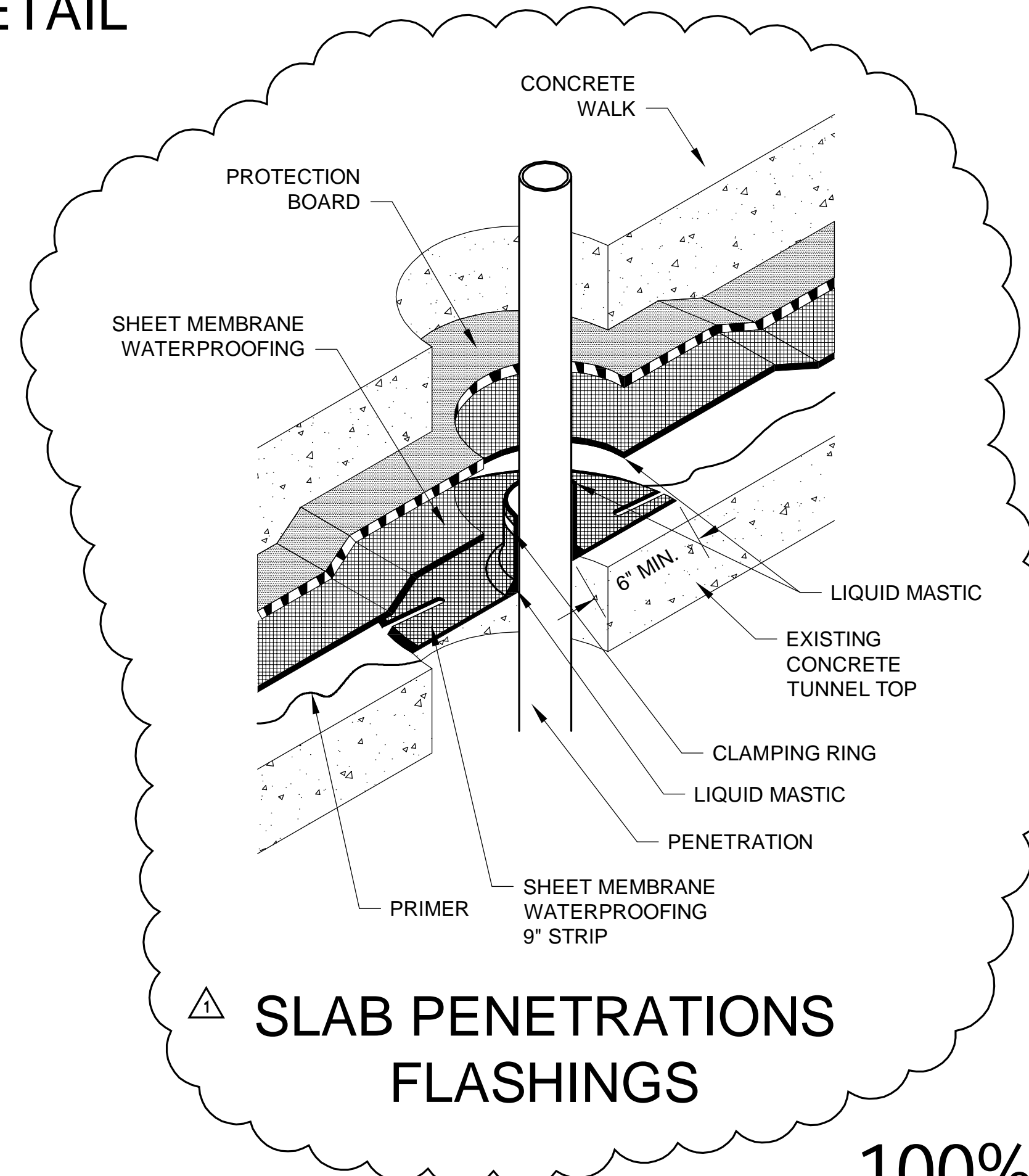
TERMINATION DETAIL



PROPOSED WATERPROOFING  
TUNNEL AT BUILDING WALL



NON-MOVING  
JOINT/CRACK



SLAB PENETRATIONS  
FLASHINGS

100% CD'S - FOR CONSTRUCTION

